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|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | <b>Attorney Docket No.</b>    | 448252000304                                                                            |
|                                                                                                                                         | <b>First Inventor</b>         | Adam DE BOOR                                                                            |
|                                                                                                                                         | <b>Title</b>                  | WIRELESS COMMUNICATION DEVICE WITH<br>MARKUP LANGUAGE BASED ON MAN-MACHINE<br>INTERFACE |
|                                                                                                                                         | <b>Express Mail Label No.</b> | EL968416519US                                                                           |

|                                                                                                                    |                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small> | <b>ADDRESS TO:</b><br>MS Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><small>(Submit an original, and a duplicate for fee processing)</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)                                                                                                                                                                         |  |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8. Nucleotide and/or Amino Acid Sequence Submission<br><small>(if applicable, all necessary)</small>                                                                                                                                                                           |  |
| 3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <b>113</b>]</span><br><small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table,<br/>or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> | a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <b>32</b>]</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>ACCOMPANYING APPLICATION PARTS</b>                                                                                                                                                                                                                                          |  |
| 5. Oath or Declaration <span style="float: right;">[Total Sheets <b>3</b>]</span><br>a. <input type="checkbox"/> Newly executed (original or copy)<br>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><small>(for continuation/divisional with Box 18 completed)</small><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br><small>Signed statement attached deleting inventor(s)<br/>named in the prior application,<br/>see 37 CFR 1.63(d)(2) and 1.33(b).</small>                                                                                                                                                                       | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))                                                                                                                                                                                                      |  |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 (2 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of<br><small>(when there is an assignee) Attorney</small>                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 11. <input type="checkbox"/> English Translation Document (if applicable)                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations                                                                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 13. <input checked="" type="checkbox"/> Preliminary Amendment (9 pages)                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><small>(Should be specifically itemized)</small>                                                                                                                                                 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed)</small>                                                                                                                                                         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).<br>Applicant must attach form PTO/SB/35 or its equivalent.                                                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 17. <input type="checkbox"/> Other: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>                                                                                                                  |  |

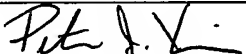
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/215,760

Prior application information: Examiner B. Barot Art Unit: 2154

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|                                                                   |  |                                                          |  |          |  |
|-------------------------------------------------------------------|--|----------------------------------------------------------|--|----------|--|
| <b>19. CORRESPONDENCE ADDRESS</b>                                 |  |                                                          |  |          |  |
| <input checked="" type="checkbox"/> Customer Number: <u>20872</u> |  | OR <input type="checkbox"/> Correspondence address below |  |          |  |
| Name                                                              |  |                                                          |  |          |  |
| Address                                                           |  |                                                          |  |          |  |
| City                                                              |  | State                                                    |  | Zip Code |  |
| Country                                                           |  | Telephone                                                |  | Fax      |  |

|                   |                                                                                     |                                   |                  |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------------|------------------|
| Name (Print/Type) | Peter J. Yim                                                                        | Registration No. (Attorney/Agent) | 44,417           |
| Signature         |  | Date                              | October 17, 2003 |

|                                                                                                                                                                                                                                                                                        |                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL968416519US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. |                                                 |
| Dated: <u>October 17, 2003</u>                                                                                                                                                                                                                                                         | Signature: <u>Valerie Cohen</u> (Valerie Cohen) |

| <b>FEE TRANSMITTAL<br/>for FY 2004</b>                                         |  |  |  | <i>Complete if Known</i> |                       |
|--------------------------------------------------------------------------------|--|--|--|--------------------------|-----------------------|
| <i>Effective 10/01/2003, Patent fees are subject to annual revision.</i>       |  |  |  | Application Number       | Not Yet Assigned      |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  |  |  | Filing Date              | Concurrently Herewith |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>1,516</b>                               |  |  |  | First Named Inventor     | Adam DE BOOR          |
|                                                                                |  |  |  | Examiner Name            | Not Yet Assigned      |
|                                                                                |  |  |  | Art Unit                 | Not Yet Assigned      |
|                                                                                |  |  |  | Attorney Docket No.      | 448252000304          |

| METHOD OF PAYMENT (check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |                                      |                                | FEE CALCULATION (continued)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| <input type="checkbox"/> Check                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> Other | <b>3. ADDITIONAL FEES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| <input checked="" type="checkbox"/> Deposit Account:<br>Deposit Account Number: <span style="border: 1px solid black; padding: 2px 20px;">03-1952</span><br>Deposit Account Name: <span style="border: 1px solid black; padding: 2px 40px;">Morrison &amp; Foerster LLP</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                      |                                | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6" style="padding: 5px;">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="padding: 5px;"> <b>SUBTOTAL (1)</b> (\$) <b>770.00</b> </td> <td colspan="2" style="padding: 5px;"> <b>SUBTOTAL (3)</b> (\$) <b>0.00</b> </td> </tr> </tbody> </table> |          |              |  | Large Entity    |          | Small Entity |          | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 1051                   | 130    | 2051 | 65   | Surcharge - late filing fee or oath |     | 1052                              | 50 | 2052   | 25  | Surcharge - late provisional filing fee or cover sheet |     | 1053                                  | 130 | 1053 | 130 | Non-English specification |     | 1812                                               | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination |    | 1804                                                       | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |  | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |  | 1251 | 110 | 2251 | 55 | Extension for reply within first month |  | 1252 | 420 | 2252 | 210 | Extension for reply within second month |  | 1253 | 950 | 2253 | 475 | Extension for reply within third month |  | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month |  | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month |  | 1401 | 330 | 2401 | 165 | Notice of Appeal |  | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal |  | 1403 | 290 | 2403 | 145 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional |  | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) |  | 1502 | 480 | 2502 | 240 | Design issue fee |  | 1503 | 640 | 2503 | 320 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) |  | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) _____ |  |  |  |  |  | <b>SUBTOTAL (1)</b> (\$) <b>770.00</b> |  |  |  | <b>SUBTOTAL (3)</b> (\$) <b>0.00</b> |  |
| Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      | Small Entity                         |                                | Fee Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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 |          |                 |          |          |          |          |          |                        |        |      |      |                                     |     |                                   |    |        |     |                                                        |     |                                       |     |      |     |                           |     |                                                    |       |      |       |                                                 |    |                                                            |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |           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| Fee Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fee (\$)                             | Fee Code                             | Fee (\$)                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| 1051                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 130                                  | 2051                                 | 65                             | Surcharge - late filing fee or oath                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 1052                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                   | 2052                                 | 25                             | Surcharge - late provisional filing fee or cover sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 1053                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 130                                  | 1053                                 | 130                            | Non-English specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 1812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2,520                                | 1812                                 | 2,520                          | For filing a request for ex parte reexamination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                   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| 1804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 920*                                 | 1804                                 | 920*                           | Requesting publication of SIR prior to Examiner action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1805                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,840*                               | 1805                                 | 1,840*                         | Requesting publication of SIR after Examiner action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| 1251                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 110                                  | 2251                                 | 55                             | Extension for reply within first month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| 1252                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 420                                  | 2252                                 | 210                            | Extension for reply within second month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| 1253                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 950                                  | 2253                                 | 475                            | Extension for reply within third month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,480                                | 2254                                 | 740                            | Extension for reply within fourth month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1255                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2,010                                | 2255                                 | 1,005                          | Extension for reply within fifth month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 330                                  | 2401                                 | 165                            | Notice of Appeal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 1402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 330                                  | 2402                                 | 165                            | Filing a brief in support of an appeal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1403                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 290                                  | 2403                                 | 145                            | Request for oral hearing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1451                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,510                                | 1451                                 | 1,510                          | Petition to institute a public use proceeding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 110                                  | 2452                                 | 55                             | Petition to revive - unavoidable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 1453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,330                                | 2453                                 | 665                            | Petition to revive - unintentional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 1501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1,330                                | 2501                                 | 665                            | Utility issue fee (or reissue)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 1502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 480                                  | 2502                                 | 240                            | Design issue fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 1503                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 640                                  | 2503                                 | 320                            | Plant issue fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1460                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 130                                  | 1460                                 | 130                            | Petitions to the Commissioner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1807                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50                                   | 1807                                 | 50                             | Processing fee under 37 CFR 1.17(q)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1806                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 180                                  | 1806                                 | 180                            | Submission of Information Disclosure Stmt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 8021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 40                                   | 8021                                 | 40                             | Recording each patent assignment per property (times number of properties)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 1809                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 770                                  | 2809                                 | 385                            | Filing a submission after final rejection (37 CFR 1.129(a))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| 1810                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 770                                  | 2810                                 | 385                            | For each additional invention to be examined (37 CFR 1.129(b))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 1801                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 770                                  | 2801                                 | 385                            | Request for Continued Examination (RCE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| 1802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 900                                  | 1802                                 | 900                            | Request for expedited examination of a design application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Other fee (specify) _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                      |                                      | 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| <b>SUBTOTAL (1)</b> (\$) <b>770.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                      |                                | <b>SUBTOTAL (3)</b> (\$) <b>0.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>                                                                 |                                      |                                      |                                | Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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(\$) | Fee Code        | Fee (\$) | 1001     | 770      | 2001     | 385      | Utility filing fee     | 770.00 | 1002 | 340  | 2002                                | 170 | Design filing fee                 |    | 1003   | 530 | 2003                                                   | 265 | Plant filing fee                      |     | 1004 | 770 | 2004                      | 385 | Reissue filing fee                                 |       | 1005 | 160   | 2005                                            | 80 | Provisional filing fee                                     |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                  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| Fee Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Fee (\$)                             | Fee Code                             | Fee (\$)                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| 1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 770                                  | 2001                                 | 385                            | Utility filing fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 1002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 340                                  | 2002                                 | 170                            | Design filing fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| 1003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 530                                  | 2003                                 | 265                            | Plant filing fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| 1004                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 770                                  | 2004                                 | 385                            | Reissue filing fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 1005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 160                                  | 2005                                 | 80                             | Provisional filing fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>28</td> <td>-20 =</td> <td>8</td> <td>x</td> <td>18</td> <td>=</td> <td>144.00</td> <td></td> </tr> <tr> <td>10</td> <td>-3 =</td> <td>7</td> <td>x</td> <td>86</td> <td>=</td> <td>602.00</td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>280</td> <td>=</td> <td>0.00</td> <td></td> </tr> </tbody> </table>                                                                                                                                                                                                                                                                                                   |                                      |                                      |         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    | 28              | -20 =    | 8        | x        | 18       | =        | 144.00                 |        | 10   | -3 = | 7                                   | x   | 86                                | =  | 602.00 |     |                                                        |     |                                       |     | 280  | =   | 0.00                      |     |                                                    |       |      |       |                                                 |    |                                                            |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |                   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| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table> |                                      |                                      |                                | Large Entity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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 | Fee (\$) | Fee Code        | Fee (\$) | 1202     | 18       | 2202     | 9        | Claims in excess of 20 |        | 1201 | 86   | 2201                                | 43  | Independent claims in excess of 3 |    | 1203   | 290 | 2203                                                   | 145 | Multiple dependent claim, if not paid |     | 1204 | 86  | 2204                      | 43  | ** Reissue independent claims over original patent |       | 1205 | 18    | 2205                                            | 9  | ** Reissue claims in excess of 20 and over original patent |      |      |      |                                                        |  |      |        |      |        |                                                     |  |      |     |      |    |                                        |  |      |     |      |     |                                         |  |      |     |      |     |                                        |  |      |       |      |     |           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                                          |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18                                   | 2202                                 | 9                              | Claims in excess of 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                             |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 86                                   | 2201                                 | 43                             | Independent claims in excess of 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                             |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 290                                  | 2203                                 | 145                            | Multiple dependent claim, if not paid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                             |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1204                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 86                                   | 2204                                 | 43                             | ** Reissue independent claims over original patent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                             |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| 1205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18                                   | 2205                                 | 9                              | ** Reissue claims in excess of 20 and over original patent                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                                                             |  |      |     |      |     |                                                                |  |      |     |      |     |                                         |  |      |     |      |     |                                                           |  |                           |  |  |  |  |  |                                        |  |  |  |                                      |  |
| <b>SUBTOTAL (2)</b> (\$) <b>746.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                      | 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                              |  |      |       |      |       |                                        |  |      |     |      |     |                  |  |      |     |      |     |                                        |  |      |     |      |     |                          |  |      |       |      |       |                                               |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |                                           |  |      |    |      |    |                                                                            |  |      |     |      |     |                   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\*\*or number previously paid, if greater; For Reissues, see above

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| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL968416519US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. |            |                 |  |
| Dated: October 17, 2003                                                                                                                                                                                                                                                                | Signature: | (Valerie Cohen) |  |